

**Amendments to the Abstract**

Please amend the Abstract to read.

-- A method for operating a transmitting/receiving station 3-of a wireless communication network in antenna diversity mode, this station having a plurality of reception antennas [4], consists in listening to the communications between two other transmitting/receiving stations 1 and 2-of the network, successively on each reception antenna, then analysing the quality of listening on each reception antenna so as to identify a reception antenna from among the plurality of reception antennas which sets up the best communication link with one of the said other two transmitting/receiving stations. --